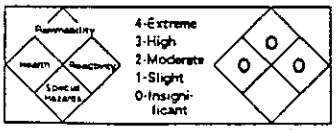
List

MATERIAL SAFETY DATA SHEET

Manville

No.: 3584 Rev. No.: 2
Date Revised: 08/14/85



NFPA FIRE HAZARD SYMBOL†
See NFPA 704 for detailed explanation.

I. PRODUCT IDENTIFICATION

Trade Name(s) : ZESTON PVC FITTING COVERS & FG INSERT
Generic Name: FIBROUS GLASS INSULATION - fittings
Chemical Name: NA

CAS #: NA
Formula: MIXTURE

Manufacturer: MANVILLE BUILDING MATERIALS CORP.
Address: P.O. BOX 5108
City: DENVER State: CO Zip: 80217

Telephone: (303)978-3120
Emergency:

II. PRODUCT INGREDIENTS

INGREDIENT NAME	CAS NUMBER	%	PERMISSIBLE EXPOSURE LIMIT
FIBROUS GLASS	65997-17-3	93	5mg/m³ - NUISANCE
PHENOLFORMALDEHYDE RESIN-CURED	25104-55-6	7	RESPIRABLE DUST
PVC FITTING COVERS	9002-86-2		(OSHA)

III. PHYSICAL DATA

Appearance and Odor: WHITE OR PEARL-GRAY PVC JACKET OVER AMEER FG - SLIGHT PHENOLIC ODOR.

Boiling Point: NA
Vapor Pressure: NA
Water Solubility (%) : NIL
Vapor Density (Air=1) : NA

Evaporation Rate (= 1) : NA
Specific Gravity (water = 1) : VAR
Melting Point: >1300° F
% Volatile by Volume: NA

IV. FIRE AND EXPLOSION DATA

Flash Point (Method) : NA
Flammable Limits: LEL: % UEL: NA %
NFPA Flammable/Combustible Liquid Classification: NA
Auto-Ignition Temperature: NA
Extinguishing Media: CO_2, WATER, WATER FOG, DRY CHEMICAL ABC RATED.
Unusual Fire or Explosion Hazards: RESIN AND PAPER OR PLASTIC FACINGS WILL BURN CAUSING DENSE ACRID SMOKE.

Special Fire-Fighting Procedures: USE SELF-CONTAINED BREATHING APPARATUS.

V. HEALTH HAZARDS A. Summary/Risks

Summary: CURRENT ANIMAL AND EPIDEMIOLOGICAL STUDIES INDICATE THAT GLASS FIBERS AND DUST DO NOT REPRESENT A HAZARD TO HEALTH.

THIS PRODUCT IS NOT CONSIDERED A CARCINOGEN.

Medical conditions which may be aggravated: PRE-EXISITING UPPER RESPIRATORY AND LUNG DISEASES SUCH AS, BUT NOT LIMITED TO, BRONCHITIS, EMPHYSEMA AND ASTHMA.
Target Organ(s) : LUNGS & SKIN.
Acute Health Effects: IRRITATION TO SKIN AND UPPER RESPIRATORY SYSTEM.

Chronic Health Effects: NO LONG TERM EFFECTS HAVE BEEN IDENTIFIED.

Primary Entry Route(s) : INHALATION, SKIN CONTACT.

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CEP. Mech - Building - Const Elec - grounds Office

V. HEALTH HAZARDS B. Signs/Symptoms of Overexposure

Inhalation: IRRITATION OR TICKLE IN THROAT AND NOSE.

Skin Contact: TEMPORARY IRRITATION OR RASH.

Skin Absorption: NA

Ingestion: NOT HAZARDOUS WHEN INGESTED. MAY CAUSE TEMPORARY IRRITATION TO GI TRACT.

Eyes: TEMPORARY IRRITATION OR INFLAMMATION.

V. HEALTH HAZARDS C. First Aid/Emergency Procedures

Inhalation: REMOVE TO FRESH AIR. DRINK WATER TO CLEAR THROAT AND BLOW NOSE.

Skin Contact: WASH EXPOSED AREAS GENTLY WITH SOAP AND WARM WATER.

Skin Absorption: NA

Ingestion: NA

Eyes: FLUSH EYES WITH COPIOUS QUANTITIES OF WATER A MINIMUM OF 15 MINUTES. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

VI. REACTIVITY DATA

MATERIAL IS STABLE. HAZARDOUS POLYMERIZATION CANNOT OCCUR.
Chemical Incompatibilities: HYDROFLUORIC ACID.
Conditions to Avoid: NONE IN DESIGNED USE.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, CARBON PARTICULATE & TRACES OF HYDROGEN CYANIDE DERIVED FROM PYROLYSIS OF THE RESIN AS IS TYPICAL OF DECOMPOSITION OF ANY ORGANIC CHEMICAL.

VII. SPILL OR LEAK PROCEDURES

Procedures for Spill/Leak: VACUUM CLEAN DUST. IF SWEEPING IS NECESSARY USE A DUST SUPPRESSANT.

Waste Management: WASTES GENERATED DURING APPLICATION, DEMOLITION, BREAKAGE OR SPILLAGE ARE NOT HAZARDOUS WASTES AS DEFINED BY RCRA (40 CFR PART 261). COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS. METHOD OF DISPOSAL-LANDFILL. RQ - N/A.

VIII. SPECIAL PROTECTION INFORMATION

Goggles: GOGGLES OR FACE SHIELDS ARE RECOMMENDED PARTICULARLY WHEN WORKING OVERHEAD.
Gloves:
Respirator: USE A MASK SUCH AS 3M 8710 OR EQUIVALENT FOR PROTECTION AGAINST NUISANCE DUST. INSURE PROPER FIT.
Ventilation: USE SUFFICIENT NATURAL OR MECHANICAL VENTILATION TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW PEL (TLV).
Other: WEAR LOOSE FITTING, LONG SLEEVED CLOTHING.

Special Considerations for repair/maintenance of contaminated equipment:

IX. SPECIAL PRECAUTIONS

Storage Segregation Hazard Classes: IRRITANT
*** ALWAYS SEGREGATE MATERIALS BY MAJOR HAZARD CLASS ***
Special Handling/Storage: KEEP MATERIAL DRY

Special Workplace Engineering Controls: NOT NORMALLY REQUIRED.

Other:

Prepared/Revised by: KENNETH A. ROBERTS Title: MGR., ENVIRONMENTAL SERVICES

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